

Converting Colors

Yxy(91.0514, 0.2998, 0.3246)

Have a look what the booklet for
Yxy(91.0514, 0.2998, 0.3246)
contains.

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Color

Yxy(91.1520, 0.2998, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	E7F8FC
RGB	231, 248, 252
RGB Percent	91%, 97%, 99%
CMY	0.0942, 0.0274, 0.0119
CMYK	0.08, 0.02, 0.00, 0.01
HSL	191°, 78%, 95%
HSV	191°, 8%, 99%
XYZ	84.0842, 91.1520, 105.2315
YIQ	243.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

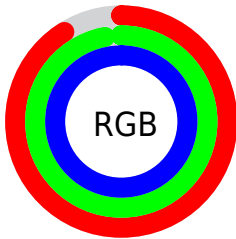
Format	Color
R _Y B	231, 240, 252
Decimal	15202556
CIE Lab	96.47, -4.81, -3.82
CIE LCh	96, 6.142, 218.462
Yxy	91.1520, 0.2998, 0.3250
Android (android.graphics.Color)	4293392636 (0xFFE7F8FC)
YUV	243.3730, 4.2531, -10.8511
Hunter-Lab	95.4736, -9.8726, 1.4817

Details

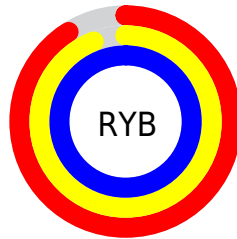
The Yxy color **91.1520, 0.2998, 0.3250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8392, 0.3268, 0.3330**, and the grayscale version is **89.9115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7534, 0.2971, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **84.3775, 0.2846, 0.3198**, and if you desaturate by 10%, it is **98.3875, 0.3146, 0.3298**.

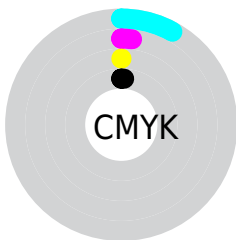
Distribution



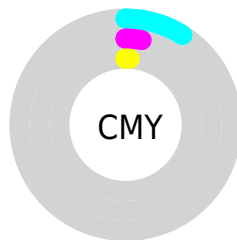
- Red (91%)
- Green (97%)
- Blue (99%)



- Red (91%)
- Yellow (94%)
- Blue (99%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (9%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1520, 0.2998, 0.3250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.1520, 0.2998, 0.3250 by changing the saturation by 10% instead.

 91.1520, 0.2998,
0.3250

 91.1520, 0.2998,
0.3250


531.7712, 0.3055,
0.3268

 68.9365, 0.2985,
0.3246

148.9375, 0.3017,
0.3256

 50.6600, 0.2970,
0.3241


185.2764, 0.3025,
0.3259

 35.9381, 0.2951,
0.3235


227.0918, 0.3032,
0.3261

 24.3864, 0.2927,
0.3227

274.7682, 0.3038,
0.3263

 15.6205, 0.2896,
0.3216

328.6899, 0.3043,
0.3264

 9.2560, 0.2853,
0.3201

389.2414, 0.3047,

 4.9085, 0.2789,

0.3266

0.3179

456.8070, 0.3051,
0.3267

■ 2.1937, 0.2689,
0.3142

■ 0.7166, 0.2419,
0.3075

■ 91.1520, 0.2998,
0.3250

■ 91.1520, 0.2998,
0.3250

■ 84.3775, 0.2846,
0.3198

■ 98.3875, 0.3146,
0.3298

■ 78.2505, 0.2699,
0.3141

■ 99.8064, 0.3145,
0.3319

■ 72.7469, 0.2562,
0.3080

■ 67.8364, 0.2437,
0.3016

■ 63.4857, 0.2328,
0.2949

■ 59.6582, 0.2237,
0.2880

■ 56.3120, 0.2165,
0.2811

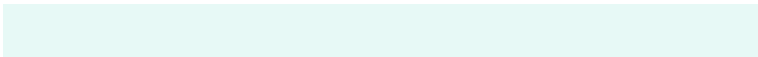
■ 53.3979, 0.2112,
0.2742

■ 50.8472, 0.2078,
0.2674

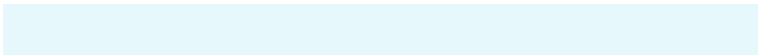
Harmonies

Analogous

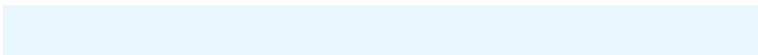
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1520, 0.3031, 0.3312



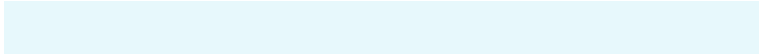
91.1520, 0.2998, 0.3250



91.1520, 0.2999, 0.3200

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1520, 0.2998, 0.3250



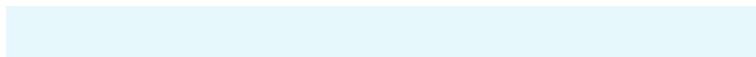
91.1520, 0.3164, 0.3214



91.1520, 0.3221, 0.3407

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



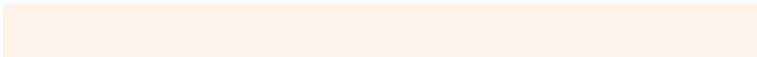
91.1520, 0.2998, 0.3250



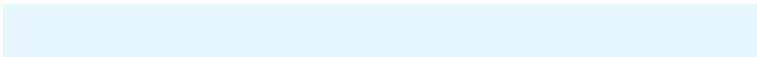
85.8392, 0.3268, 0.3330

Split Complementary

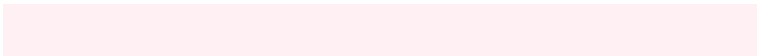
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1520, 0.3257, 0.3379



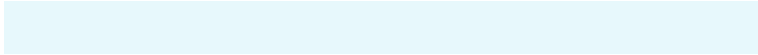
91.1520, 0.2998, 0.3250



91.1520, 0.3224, 0.3268

Square

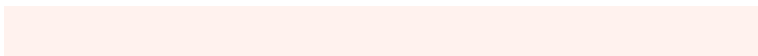
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1520, 0.2998, 0.3250



91.1520, 0.3094, 0.3180



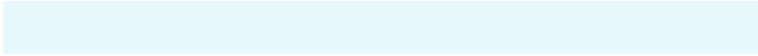
91.1520, 0.3258, 0.3328



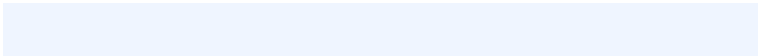
91.1520, 0.3159, 0.3404

Rectangle

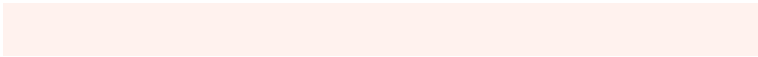
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



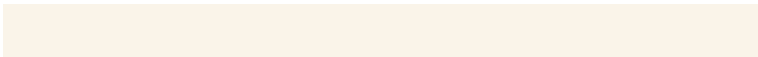
91.1520, 0.2998, 0.3250



91.1520, 0.3019, 0.3180



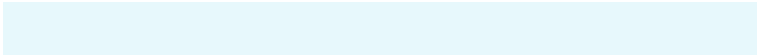
91.1520, 0.3258, 0.3328



91.1520, 0.3236, 0.3401

Sweetspot

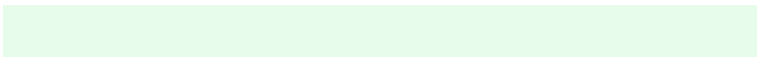
The Sweet Spot groups the original color and five complimentary colors.



91.1558, 0.2998, 0.3250



98.4338, 0.3096, 0.3281



92.5762, 0.3095, 0.3464



21.0853, 0.3098, 0.3281



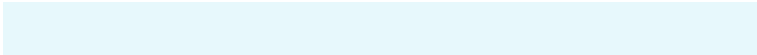
0.0000, 0.0000, 0.0000



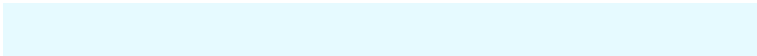
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1558, 0.2998, 0.3250



92.4522, 0.2972, 0.3242



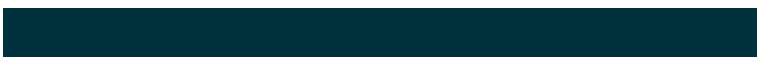
84.9450, 0.2998, 0.3145



19.0197, 0.2980, 0.3244



26.4878, 0.2076, 0.2674



2.5918, 0.2099, 0.2756

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84.6097, 0.3162, 0.3123



84.4900, 0.3169, 0.3089



91.9592, 0.3258, 0.3431



17.4652, 0.3167, 0.3100



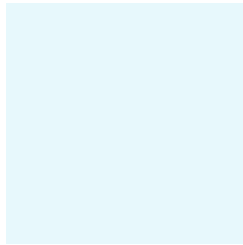
13.0849, 0.3753, 0.1841



1.2259, 0.3676, 0.1799

Previews

White Background



This preview shows how the Yxy color 91.1520, 0.2998, 0.3250 looks on a white background.

Color Contrast Check

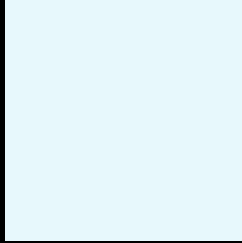
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.1520, 0.2998, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

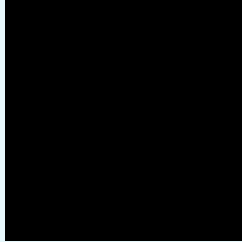
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

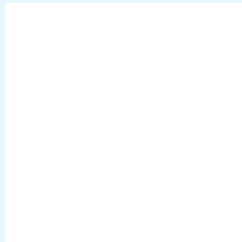
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1520, 0.2998, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 91.1520, 0.2998, 0.3250.

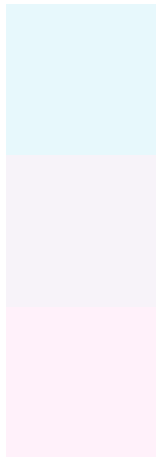


This preview shows how white text looks on a background with the Yxy color 91.1520, 0.2998, 0.3250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.1520, 0.2998, 0.3250

Protanopia

90.7149, 0.3117, 0.3231

Deuteranopia

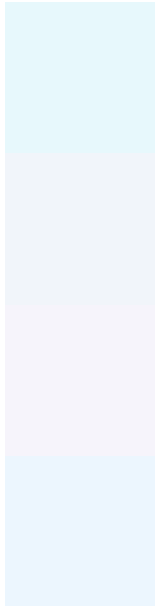
91.0727, 0.3164, 0.3203



Tritanopia

90.8755, 0.3030, 0.3191

Trichromacy



Original Color

91.1520, 0.2998, 0.3250

Protanomaly

90.9077, 0.3072, 0.3240

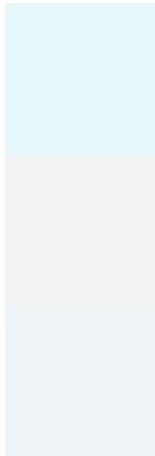
Deuteranomaly

91.2592, 0.3098, 0.3221

Tritanomaly

90.9002, 0.3017, 0.3210

Monochromacy



Original Color

91.1520, 0.2998, 0.3250

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3094, 0.3083, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1520, 0.2998, 0.3250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 248, 252)` looks like.

```
.text, #text, p{  
    color:rgb(231, 248, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 248, 252) }
```

Border

The CSS property to change the border of an element to Yxy 91.1520, 0.2998, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 248, 252) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 248, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 248, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(231, 248,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1520, 0.2998, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 248, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
248, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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